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**Part Number:** [44914-0203](#)

**Status:** **Active**

**Overview:** Micro-Fit 3.0™ Connectors

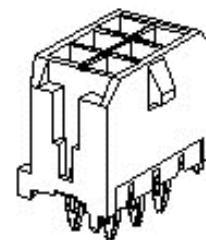
**Description:** 3.00mm Pitch Micro-Fit 3.0 CPI™ Header, Dual Row, Vertical, Compliant Pin Interface, 2 Circuits, LCP, Glass-Filled, UL 94V-0, 0.76µm Gold (Au) Selective Contact Plating, Tin/Lead (Sn/Pb) Plated Tails, Glow Wire Compatible

**Documents:**

[3D Model](#)  
[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Product Literature \(PDF\)](#)



Series

image - Reference only

**Agency Certification**

CSA  
TUV  
UL

**General**

Product Family  
Series  
Application  
Application Tooling Part Link  
Application Tooling Part Link  
Comments

LR19980  
R72081037  
E29179

PCB Headers  
[44914](#)  
Power, Wire-to-Board  
622008400  
622030455

"High Temperature|Square Pin<P><P>This Molex product is manufactured from material that has the following ratings, tested by independent agencies:. a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13.. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety, section 30 Resistance to heat and fire. <P><P> The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options."

[Micro-Fit 3.0™ Connectors](#)

987650-5984  
Micro-Fit 3.0 CPI™  
756054638828

Overview  
Product Literature Order No  
Product Name  
UPC

**Physical**

Breakaway  
Circuits (Loaded)  
Circuits (maximum)  
Durability (mating cycles max)  
Flammability  
Glow-Wire Compliant  
Lock to Mating Part  
Material - Metal  
Material - Plating Mating

No  
2  
2  
30  
94V-0  
Yes  
Yes  
High Performance Alloy (HPA)  
Gold

**EU RoHS**

**RoHS Compliant by Exemption**

**REACH SVHC**

**Contains SVHC: No**

**Low-Halogen Status**

**Low-Halogen**



**China RoHS**

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[44914Series](#)

**Mates With**

[430250200 Receptacle](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below.*

*Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

<b>Description</b>	<b>Product #</b>
Compliant Pin	<a href="#">0622008400</a>
Insertion Flat Rock Tool	
Removal Tool	<a href="#">0622030455</a>

Material - Plating Termination	90/10 Tin Lead, 90/10 Tin-Lead
Net Weight	0.480/g
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface	3.00mm
Plating min - Mating	0.762µm
Plating min - Termination	1.270µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

### **Electrical**

Current - Maximum per Contact	5A
Voltage - Maximum	250V

### **Solder Process Data**

Replacement RoHS Compliant Part Number	0449145203
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### **Material Info**

#### **Reference - Drawing Numbers**

Sales Drawing	SD-44914-001
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